



## Climate change and tropical biodiversity: A new focus

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**Year:** 2012  
**Journal:** Trends in Ecology & Evolution. 27 (3): 145-150

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### Abstract:

Considerable efforts are focused on the consequences of climate change for tropical rainforests. However, potentially the greatest threats to tropical biodiversity (synergistic interactions between climatic changes and human land use) remain understudied. Key concerns are that aridification could increase the accessibility of previously non-arable or remote lands, elevate fire impacts and exacerbate ecological effects of habitat disturbance. The growing climatic change literature often fails to appreciate that, in coming decades, climate land use interactions might be at least as important as abiotic changes per se for the fate of tropical biodiversity. In this review, we argue that protected area expansion along key ecological gradients, regulation of human-lit fires, strategic forest carbon financing and re-evaluations of agricultural and biofuel subsidies could ameliorate some of these synergistic threats.

**Source:** <http://dx.doi.org/10.1016/j.tree.2011.09.008>

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Ecosystem Changes, Extreme Weather Event, Temperature, Unspecified Exposure

**Extreme Weather Event:** Wildfires

#### Geographic Feature:

resource focuses on specific type of geography

Tropical

#### Geographic Location:

resource focuses on specific location

Global or Unspecified

#### Health Impact:

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

#### Intervention:

# Climate Change and Human Health Literature Portal



strategy to prepare for or reduce the impact of climate change on health

A focus of content

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

## **Resource Type:**

format or standard characteristic of resource

Policy/Opinion, Policy/Opinion, Review

## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

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